ABSTRACT

The invention relates to a method for controlling microorganisms in a sugar-containing aqueous process medium, especially in the sugar industry, using hop bitter acid as active substance, wherein hop bitter acid is dissolved in an aqueous alkaline medium and added to the process medium, wherein the pH value of the added solution is higher than the pH value of the process medium and the hop bitter acid passes from the dissociated to the indissociated form in the process medium.